

**State of California**  
Department of Food and Agriculture  
Division of Measurement Standards

Certificate Number: 5378(a)-04  
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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Weighing and Measuring Devices***

**For:**

Water Meter  
Positive Displacement  
Model: PMPD  
Size: 5/8" X 3/4"  
Maximum Flow Rate: 20 GPM  
Minimum Flow Rate: 1/4 GPM

**Submitted by:**

Performance Meter, Inc.  
200 E. John Street  
Banning, CA 92220-6042  
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Contact: Steven Palluth  
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**Standard Features and Options**

- Magnetic drive register
- Bronze main case
- External threaded spuds
- Cast flow direction arrow on discharge end of meter case

**Options:**

- Bronze register cover and shroud or black plastic register cover and shroud
- Remote pulsing Reed Switch counter or radio read system (not evaluated)
- Gallon or cubic foot unit of measurement
- Minimum resolution: 0.1 gal or 0.01 cu ft

**Note:** Approved for use only when installed according to the manufacturer's instructions in a ***"HORIZONTAL"*** position.

These devices are to be installed where they are protected from excessive heat and freezing conditions.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: November 9, 2004



Mike Cleary, Director

**Performance Meter, Inc.**  
**Water Meter**  
**Model: PMPD**

**Application:** Approved for use as a domestic cold water meter in legal sub-metering installations.

**Identification:** The manufacturer's name and model number are on the face of the dial on the sealed register. The serial number is engraved on a milled flat on the discharge end of the meter body and also on the optional hinged brass lid.

**Sealing:** The enclosed magnetic drive register assembly is secured to the main case by a screw through the register shroud that is secured by a factory installed tamper evident seal. The bottom frost protection plate may be secured by threading a wire security seal through the drilled heads of the retaining bolts.

**Operation:** This is a revolving piston style, positive displacement meter. The revolving piston drives the direct reading sealed register using magnetic coupling.

**Test Conditions:** This certificate supersedes Certificate of Approval Number 5378-04 and is issued to include the black plastic register shroud and cover option with the remote read register option. The optional remote read register has a different drive gearing than the standard register. The remote read capability was not evaluated. Four Model PMPD meters with gallon registers and the remote read option were tested for accuracy three times each at three flow rates. Two of the meters had black plastic register shrouds and two had brass shrouds. After flowing in excess of 200 000 gallons through all four meters, all tests were repeated. Test medium was tap water. Previous test conditions are listed below for reference.

**Certificate of Approval Number 5378-04:** Three meters with gallon registers and three meters with cubic foot registers were tested for accuracy three times each at three flow rates. Two meters with gallon registers and two meters with cubic foot registers were selected for permanence testing. After a flowing in excess of 200 000 gallons through two gallon register and two cubic foot register meters, all tests were repeated. Test medium was tap water.

Results of the evaluation indicate the device complies with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2004 Edition

**Tested By:** Joe Raspino (CA) 5378-04, John Roach (CA) 5378(a)-04



Black plastic register shroud option  
with optional gallon register

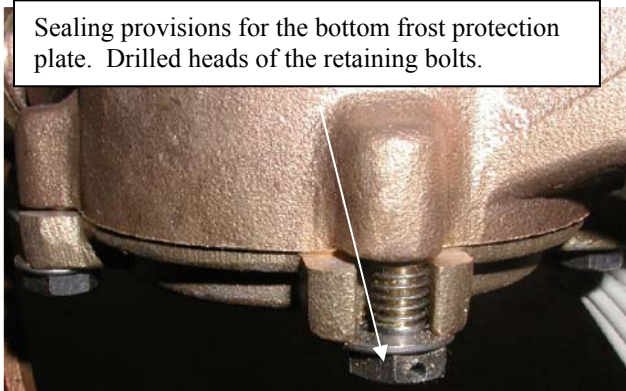


Brass register shroud option with  
optional cubic feet register

**Performance Meter, Inc.  
Water Meter  
Model: PMPD**



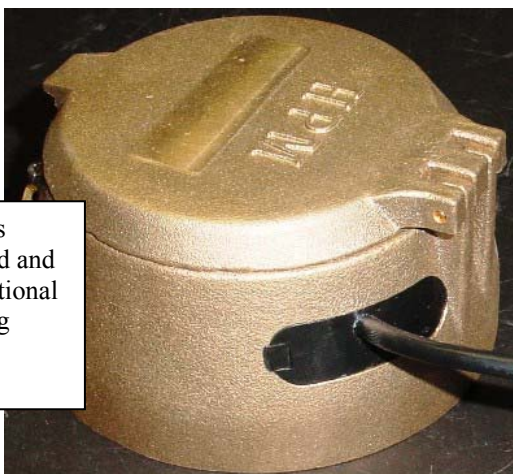
Sealing provisions for the register to main body.  
Screw through the register shroud that is secured by a factory installed tamper evident seal.



Sealing provisions for the bottom frost protection plate. Drilled heads of the retaining bolts.



Optional black plastic register shroud and cover with optional remote pulsing Reed Switch counter.



Optional brass register shroud and cover with optional remote pulsing Reed Switch counter.



Complete meter with optional brass register shroud and cover and without the optional remote pulsing Reed Switch.